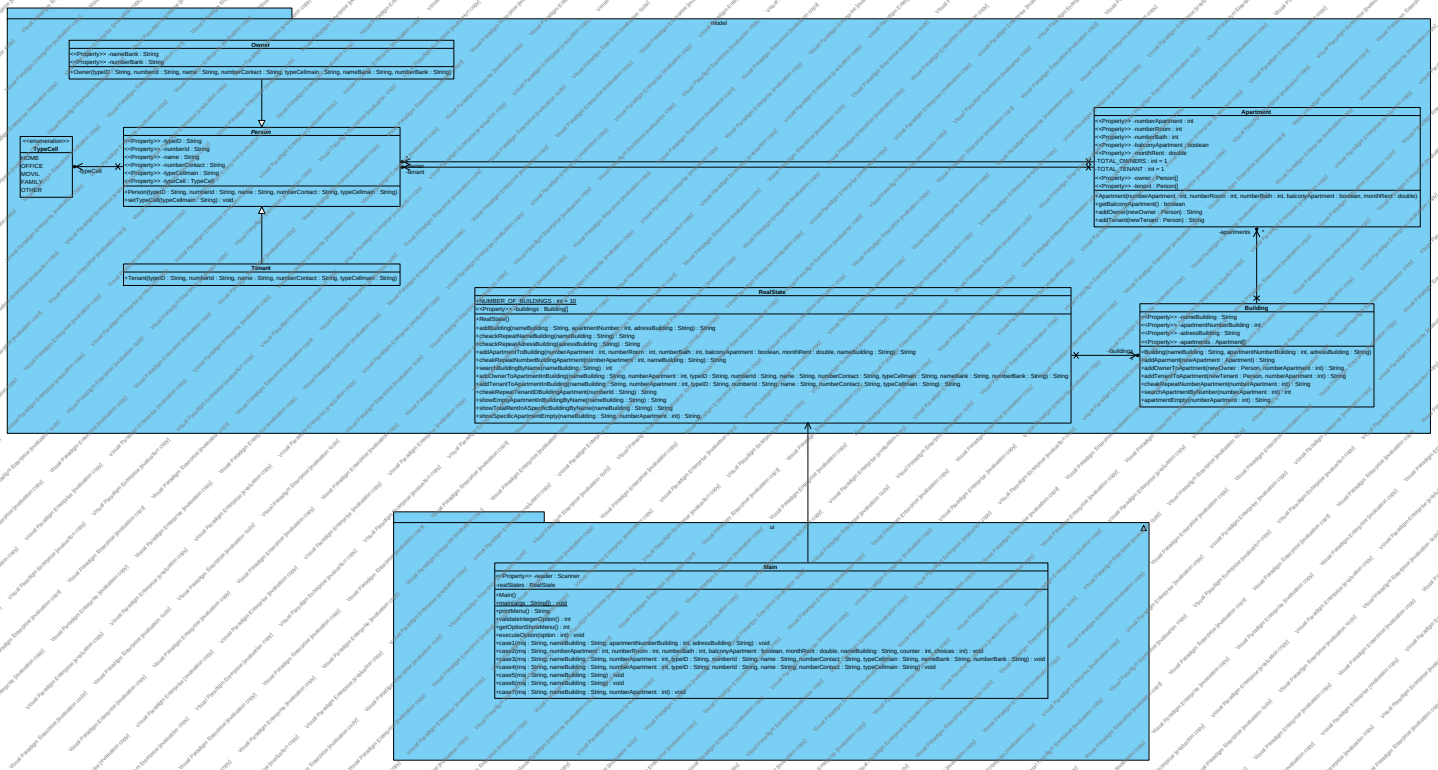
model
Owner
<<Property>> -nameBank : String
<<Property>> -numberBank : String
+Owner(typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String, nameBank : String, numberBank : String)
Person
<<Property>> -typeID : String
<<Property>> -numberId : String
<<Property>> -name : String
<<Property>> -numberContact : String
<<Property>> -typeCellman : String
<<Property>> -typeCell : TypeCell
+Person(typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String)
+setTypeCell(typeCellman : String) : void
<<enumeration>>
TypeCell
HOME
OFFICE
MOVIL
FAMILY
OTHER
TypeCell
owner
-tenant
Tenant
+Tenant(typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String)
Apartment
<<Property>> -numberApartment : int
<<Property>> -numberRoom : int
<<Property>> -numberBath : int
<<Property>> -balconyApartment : boolean
<<Property>> -monthRent : double
TOTAL_OWNERS : int = 1
TOTAL_TENANT : int = 1
<<Property>> -owner : Person[]
<<Property>> -tenant : Person[]
+Apartment(numberApartment : int, numberRoom : int, numberBath : int, balconyApartment : boolean, monthRent : double)
+getBalconyApartment() : boolean
+addOwner(newOwner : Person) : String
+addTenant(newTenant : Person) : String
-apartments
RealState
NUMBER_OF_BUILDINGS : int = 10
<<Property>> -buildings : Building[]
+RealState()
+addBuilding(nameBuilding : String, apartmentNumber : int, adressBuilding : String) : String
+checkRepeatNameBuilding(nameBuilding : String) : String
+checkRepeatAdressBuilding(adressBuilding : String) : String
+addApartmentToBuilding(numberApartment : int, numberRoom : int, numberBath : int, balconyApartment : boolean, monthRent : double, nameBuilding : String) : String
+checkRepeatNumberBuildingApartment(numberApartment : int, nameBuilding : String) : String
+searchBuildingByName(nameBuilding : String) : int
+addOwnerToApartmentInBuilding(nameBuilding : String, numberApartment : int, typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String, nameBank : String, numberBank : String) : String
+addTenantToApartmentInBuilding(nameBuilding : String, numberApartment : int, typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String) : String
+checkRepeatTenantOfBuildingApartment(numberId : String) : String
+showEmptyApartmentInBuildingByName(nameBuilding : String) : String
+showTotalRentInASpecificBuildingByName(nameBuilding : String) : String
+showSpecificApartmentEmptyInameBuilding : String, numberApartment : int) : String
-buildings
Building
<<Property>> -nameBuilding : String
<<Property>> -apartmentNumberBuilding : int
<<Property>> -adressBuilding : String
<<Property>> -apartments : Apartment[]
+Building(nameBuilding : String, apartmentNumberBuilding : int, adressBuilding : String)
+addApartment(newApartment : Apartment) : String
+addOwnerToApartment(newOwner : Person, numberApartment : int) : String
+addTenantToApartment(newTenant : Person, numberApartment : int) : String
+checkRepeatNumberApartment(numberApartment : int) : String
+searchApartmentByNumber(numberApartment : int) : int
+apartmentEmpty(numberApartment : int) : String
ui
Main
<<Property>> -reader : Scanner
-realStates : RealState
+Main()
+main(args : String[]) : void
+printMenu() : String
+validateIntegerOptions() : int
+getOptionDyninMenu() : int
+executeOption(option : int) : void
+case1(nnq : String, nameBuilding : String, apartmentNumberBuilding : int, adressBuilding : String) : void
+case2(nnq : String, numberApartment : int, numberRoom : int, numberBath : int, balconyApartment : boolean, monthRent : double, nameBuilding : String, counter : int, choices : int) : void
+case3(nnq : String, nameBuilding : String, numberApartment : int, typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String, nameBank : String, numberBank : String) : void
+case4(nnq : String, nameBuilding : String, numberApartment : int, typeID : String, numberId : String, name : String, numberContact : String, typeCellman : String) : void
+case5(nnq : String, nameBuilding : String) : void
+case6(nnq : String, nameBuilding : String) : void
+case7(nnq : String, nameBuilding : String, numberApartment : int) : void